

VIEW™ | IP Zone Controller/Amplifier

SL251 - IP Zone Controller/Amplifier

ClearOne®

The SL251 is an IP-Based controller/amplifier designed to mount on or adjacent to a speaker. An SL251 module contains not only the IP-controlled amplifiers, but also a Flash-enabled Web server for complete control from any computing or display device that hosts a Web browser. The SL251 represents a remarkable combination of audio and networking engineering in the pursuit of high quality audio reproduction.



ADVANTAGES

- + Scalability - Using TCP/IP as a distribution method renders zone limitations obsolete. TCP/IP treats each SL251 as just another device on the network and by using TCP/IP's multicast capabilities VIEW easily manages the network traffic. ClearOne's StreamNet™ technology keeps each zone synchronized so that all rooms play within 500 microseconds of each other preventing an echo effect.
- + Superior Audio Performance - Each SL251 is equipped with a Burr-Brown® Digital to Analog converter, a Texas Instruments Digital Signal Processor (DSP), and a 2 x 50W Apogee® Class-D amplifier that allows the integrator to individually customize each zones' sound to meet the unique needs of the zone.
- + Streaming and Local Audio - The SL251 includes an EIM Interface (Expansion Interface Module). The EIM interface allows the SL251 to interface with local audio sources and external amplifiers.
- + Simplified configuration software.
- + Streams local audio to other zones.

IP-BASED ZONE
CONTROLLER
AND AMPLIFIER

APPLICATIONS

- + Conferencing
- + Multi-zone Paging
- + Emergency Communications
- + Business Entertainment
- + Sound Reinforcement

The Power of AV over IP™

> VIEW



> SPECIFICATIONS

8 Ohms Stereo Power:
40 Watts / Channel RMS

4 Ohms Stereo Power:
50 Watts / Channel RMS

Frequency Response:
20-20kHz +/- 1dB

Signal-to-Noise Ratio:
98 dB

Input Impedance:
17 kΩ

THD + N:
0.1% @ 5W
(20 Hz to 20 kHz @ 8 Ω)
0.1% @ 5W
(20 Hz to 20kHz @ 4 Ω)

Input Connectors:
RJ45 10/100 Mb Ethernet
4-pin Phoenix Connector (Power)

Audio Port Connector:
RJ45 (EIM)

Speaker Connectors:
Two (2) 2-pin 5mm Phoenix
Connectors (Speakers)

Current (mA)
0.2 A Nominal, 4.5 Maximum

Operating Temperature
0 - 50° C

Dimensions (W x H x D)
3.6" x 2.8" x 1.5"
(92mm x 72mm x 39mm)

Weight (lbs / kg):
0.53 / 0.24

NetPower™
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Compliance
Restriction of use of certain
Hazardous Substances
(RoHS) compliant

Part Number
SL251

Powered by StreamNet™

> CLEARONE LOCATIONS

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